

J. K. F.

**Sterne Kessler
Goldstein Fox**

ATTORNEYS AT LAW

Robert Greene Sterne
Edward J. Kessler
Jorge A. Goldstein
David K.S. Cornwell
Robert W. Esmond
Tracy-Gene G. Durkin
Michele A. Cimbala
Michael B. Ray
Robert E. Sokohl
Eric K. Steffe
Michael Q. Lee
Steven R. Ludwig
John M. Covert
Linda E. Alcorn
Robert C. Millionig
Donald J. Featherstone
Timothy J. Shea, Jr.
Michael V. Messinger
Judith U. Kim

Patrick E. Garrett
Jeffrey T. Helvey
Heidi L. Kraus
Eldora L. Ellison
Thomas C. Fiala
Albert L. Ferro
Donald R. Banowitz
Peter A. Jackman
Jeffrey S. Weaver
Kendrick P. Patterson
Vincent L. Capuano
Brian J. Del Buono
Virgil Lee Beaton
Theodore A. Wood
Elizabeth J. Haanes
Joseph S. Ostroff
Frank R. Cottingham
Rae Lynn P. Guest
George S. Bardmesser

Daniel A. Klein
Jason D. Eisenberg
Michael D. Specht
Andrea J. Kamage
Tracy L. Muller
Jon E. Wright
LuAnne M. DeSantis
Ann E. Summerfield
Aric W. Ledford
Helene C. Carlson
Cynthia M. Bouchez
Timothy A. Doyle
Gaby L. Longworth
Lori A. Gordon
Nicole D. Dretar
Ted J. Ebersole
Laura A. Vogel
Michael J. Mancuso
Bryan S. Wade

Aaron L. Schwartz
Michael G. Penn*
Shannon A. Carroll*
Wesley W. Jones*
Matthew E. Kelley*
Nicole R. Kramer*
Michelle K. Holoubek*
Marsha A. Rose*

Registered Patent Agents*
Karen R. Markowicz
Nancy J. Leith
Matthew J. Dowd
Katrina Yujian Pei Quach
Bryan L. Skelton
Robert A. Schwartzman
Teresa A. Colella
Victoria S. Rutherford

Simon J. Elliott
Julie A. Heider
Mita Mukherjee
Scott M. Woodhouse
Christopher J. Walsh
Liliana Di Nola-Baron
Peter A. Socarras
Jeffrey Mills

Of Counsel
Kenneth C. Bass III
Marvin C. Guthrie

*Admitted only in Maryland
*Admitted only in Virginia
*Practice Limited to
Federal Agencies

August 8, 2005

WRITER'S DIRECT NUMBER:
(202) 772-8783

INTERNET ADDRESS:
RGUEST@SKGF.COM

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Art Unit 1722

Attn: Mail Stop Amendment

Re: U.S. Utility Patent Application
Application No. 10/629,699; Filed: July 30, 2003
For: **Valve Pin Guidance and Alignment
System for an Injection Molding Apparatus**
Inventors: FISCHER *et al.*
Our Ref: 2107.1680001/LEA/RPG

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Fee Transmittal Form;
2. Credit Card Payment Form (PTO-2038) in the amount of \$730.00 to cover:
\$350.00- Seven claims in excess of 20;
\$200.00- One independent claim in excess of three; and
\$180.00- Submission of Information Disclosure Statement;
3. Amendment and Reply Under 37 C.F.R. § 1.111;
4. Submission of Drawings;
5. One sheet of drawings (Figure 21);
6. Second Supplemental Information Disclosure Statement;
7. One page of Form PTO-1449 listing 13 documents (AA1-AM1); and
8. Return postcard.


Commissioner for Patents
August 8, 2005
Page 2

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

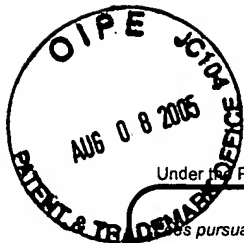
STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

A handwritten signature in black ink, appearing to read "Rae Lynn P. Guest". The signature is fluid and cursive, with the first name "Rae" being particularly prominent.

Rae Lynn P. Guest
Attorney for Applicants
Registration No. 53,482

LEA/RPG/dbj
Enclosures

430359_1.DOC



Equivalent to Form
PTO/SB/17 (12-04)

Approved for use through 07/31/2006.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004.

As pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 730.00

Complete if Known

Application Number 10/629,699
Filing Date July 30, 2003
First Named Inventor Jonathon FISCHER
Examiner Name T. Heitbrink
Art Unit 1722
Attorney Docket No. 2107.1680001/LEA/RPG

METHOD OF PAYMENT (check all that apply)

☐ Check ☒ Credit Card ☐ Money Order ☐ None ☐ Other (please identify):

☒ Deposit Account Deposit Account Number: 19-0036 Deposit Account Name: Sterne, Kessler, Goldstein & Fox P.L.L.C.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

| Application Type | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
| | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | |

2. EXCESS CLAIM FEES

| Fee Description | Fee (\$) | Small Entity Fee (\$) |
|---|----------|-----------------------|
| Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent | 50 | 25 |
| Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent | 200 | 100 |
| Multiple dependent claims | 360 | 180 |

| Total Claims | Extra Claims | Fee (\$) | Fee Paid (\$) | Multiple Dependent Claims | Fee (\$) | Fee Paid (\$) |
|---|-------------------|----------|---------------|---------------------------|----------|---------------|
| 35 | - 20 or HP 28 = 7 | x 50.00 | = 350.00 | | | |
| HP = highest number of total claims paid for, if greater than 20 | | | | | | |
| Indep. Claims | Extra Claims | Fee (\$) | Fee Paid (\$) | | | |
| 4 | - 3 or HP = 1 | x 200.00 | = 200.00 | | | |
| HP = highest number of independent claims paid for, if greater than 3 | | | | | | |

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
|--------------|--------------|--|----------|---------------|
| - 100 = | / 50 = | (round up to a whole number) x | = | |

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: Information Disclosure Statement

Fees Paid (\$)

180.00

SUBMITTED BY

Signature: Rae Lynn P. Guest Registration No. (Attorney/Agent) 53,482 Telephone (202) 371-2600
Name (Print/Type) Rae Lynn P. Guest Date August 8, 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

FISCHER *et al.*

Appl. No.: 10/629,699

Filed: July 30, 2003

For: **Valve Pin Guidance and Alignment
System for an Injection Molding
Apparatus**

Confirmation No.: 5350

Art Unit: 1722

Examiner: T. Heitbrink

Atty. Docket: 2107.1680001/LEA/RPG

Submission of Drawings

Mail Stop Amendment

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith is one sheet of drawings with Figure 21, corresponding to the above-captioned application. Identification of the drawing is provided in accordance with 37 C.F.R. § 1.84(c). Acknowledgment of the receipt, approval, and entry of this drawing into this application is respectfully requested.

It is not believed that an extension of time is required, other than any already provided herewith. However, if an extension of time is needed to prevent abandonment of the application, then such extension of time is hereby petitioned. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Rae Lynn P. Guest
Attorney for Applicants
Registration No. 53,482

Date: August 8, 2005

1100 New York Avenue, N.W.
Washington, D.C. 20005-3934
(202) 371-2600